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SUGAR REPORTS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE
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MARKET REVIEW

The spot price for raw sugar at New York was 6.73 cents per pound on May 14 and averaged 6.72 cents per pound during the first two weeks of May and 6.71 cents from January 1 through May 14.

The average wholesale price quotation for refined cane sugar for the period January 1 - May 14, 1965 in the Northeast territory was 10.15 cents per pound. In the Southeast the average was 9.49 cents, in the Gulf territory 9.41 cents, in the Chicago-West 9.35 cents and for the lower Pacific Coast 9.21 cents per pound.

Average refined beet sugar prices for the same period were 9.21 cents per pound, the same as for refined cane sugar, in the lower Pacific Coast territory and 9.15 cents in Chicago-West and Eastern beet territories.

Quotations for wholesale refined sugar were increased in all territories during May. In the Southeast and Gulf territories the price was raised 0.15 cent effective May 10 to 9.50 and 9.40 cents, respectively. The quotation for the Lower Pacific Coast territory was increased 0.20 cent to 9.25 cents per pound for both beet and refined cane sugar as of May 10. The price in the Northwest was also at 9.25 cents for beet and cane sugar on that date but this represented an increase of 0.10 cent from the former quotation.

The Northeast refined cane sugar price was raised 0.15 cent to 10.20 cents effective May 17. The Chicago-West cane and beet prices were to increase 0.15 cent effective May 24 with refined cane sugar at 9.50 cents and beet sugar at 9.30 cents per pound. Eastern beet sugar will also be at 9.30 cents as of May 24, an increase of 0.15 cent.

Based on announced price increases the following quotations will be in effect as of May 24:

	<u>Cane</u>	<u>Beet</u>
	<u>Cents per pound in 100 lb. paper bags</u>	
Northeast	10.20	
New York Metropolitan area	10.05	
Southeast	9.50	
Gulf	9.40	
Eastern beet		9.30
Chicago-West	9.50	9.30
Direct shipment territory	9.40	9.20
Lower Pacific Coast	9.25	9.25
Northwest Intermountain	9.25	9.25

The refined price move, as expected, resulted in an increased rate of deliveries during the first two weeks of May as users took delivery of sugar at the lower prices. Deliveries during the first week of May 1965 were 19,000 tons above the comparable week of last year. The Northeast price increase had greater impact on deliveries during the second week of May when they exceeded those for the same week last year by 39,000 tons. The price increase in the Chicago-West territory will result in a heavy movement in that territory during the third week of this month but the U. S. total may be offset by decreases in other territories.

Deliveries of sugar for U. S. consumption during the first four months of 1965 were reported as totaling 2,905,000 tons. It would appear that users had about the same inventory level at the end of April as at the beginning of the year.

At the end of April refiners' stocks of sugar were reported as totaling 693,000 tons. At the end of April 1964 refiners' stocks totaled 925,000, and at month end April 1963 were 508,000 tons. During the preceding five years (1958-62) refiners' stocks at the end of April averaged 690,000 tons.

Production from the 1964 crop of sugar beets has recently been estimated at about 3,300,000 tons, raw value, of beet sugar. Sugar production from that crop through April 1965 totaled 3,010,000 tons, leaving a balance of 290,000 tons to be produced. A year ago after April there were 171,000 tons of beet sugar produced from the 1963 sugar beet crop.

Puerto Rican sugar production through May 9 totaled approximately 763,000 tons, raw value, compared to production to the same date in 1964 of 827,000 tons and 764,000 tons in 1963. Crop year production in both 1963 and 1964 totaled 989,000 tons, raw value, but the severe drought has considerably reduced sugarcane production and sugar production will be less than in the two previous years.

Hawaiian sugar production through May 8, 1965 totaled 344,000 tons, raw value. Through May 9, 1964, 387,000 tons had been produced of that crop year's total of 1,179,000 tons.

According to F. O. Licht, European sugar statistician, the European sugar beet acreage for the 1965-66 crop year will be only slightly above that for the previous year. Overall the increase in acreage is expected to be about 37,000 acres or 0.2%.

Acreage in Eastern Europe is estimated 13,741,000 acres for 1965-66, an increase of 64,000 acres. Poland is estimated to have an increase of 74,000 acres but no change is estimated in Russia from the 10,378,000 acres planted for 1964-65.

In Western Europe it is expected that sugar beet acreage will be down a total of 27,000 acres from the 4,707,000 acres planted last year. France is estimated to have a decrease of 67,000 acres and West Germany a decrease of 86,000 acres. Italy will increase plantings by 69,000 acres and Spain is estimated to have an 86,000 acre increase.

At a meeting of the International Sugar Council held in London on April 28 and 29 the Council voted to request that the United Nations summon a conference in the fall of 1965 to initiate the negotiation of a new International Sugar Agreement. The Executive Director of the Council was requested to prepare a draft of such an agreement for circulation to member Governments as a basis for negotiation. The drafting of such an agreement will necessitate consultation with Governments and other interested organizations.

IMPACT¹ OF NON-NUTRITIVE SWEETENERS ON
NUTRITIVE SWEETENER USE

By
Edgar H. Omohundro

Shifts from sucrose sugar^{1/} (historically the major sweetener) to corn sweeteners have been increasing for several years, and sharp shifts from these to non-nutritive (non-caloric) sweeteners (saccharin and cyclamates) are reported to have recently occurred.

This analysis is an effort to evaluate on the basis of presently available data the impact of non-nutritive (non-caloric) on caloric sweetener^{2/} requirements through the use of indexes of product production and total caloric sweetener deliveries.

About 60 percent of the sucrose sugar requirements of the United States and a larger percentage of total nutritive (caloric) sweeteners are for "industrial" use in sweetener containing manufactured products,^{3/} and the ratio of such total sweetener use in manufacturing is increasing.

Changes in the production of these products, some of which are dependent on the progress made by agricultural crops which, when ripe, must be processed quickly for preservation, have considerable impact on the variation in sweetener requirements.

The preparation of the index of product production had to begin from scratch. In preparing this index, Federal Reserve Board applicable group and sub-group indexes were arranged as nearly as practicable to match as to content the deliveries of sugar by types of buyers shown in Sugar Reports. These were weighted proportionately by the sugar used and by corn sweetener deliveries in 1958. (See appendix). Next the trends and seasonal patterns from July 1956 through June 1962 for both product production and total caloric sweetener deliveries were analyzed, after the sugar part of caloric sweetener deliveries had been adjusted for year-end "constructive deliveries" (sugar sold near year-end but not

1/ Hereinafter referred to simply as sugar.

2/ Sucrose sugar, corn sirup, and dextrose.

3/ Hereinafter referred to as product production.

PRODUCTION OF SWEETENER CONTAINING PRODUCTS

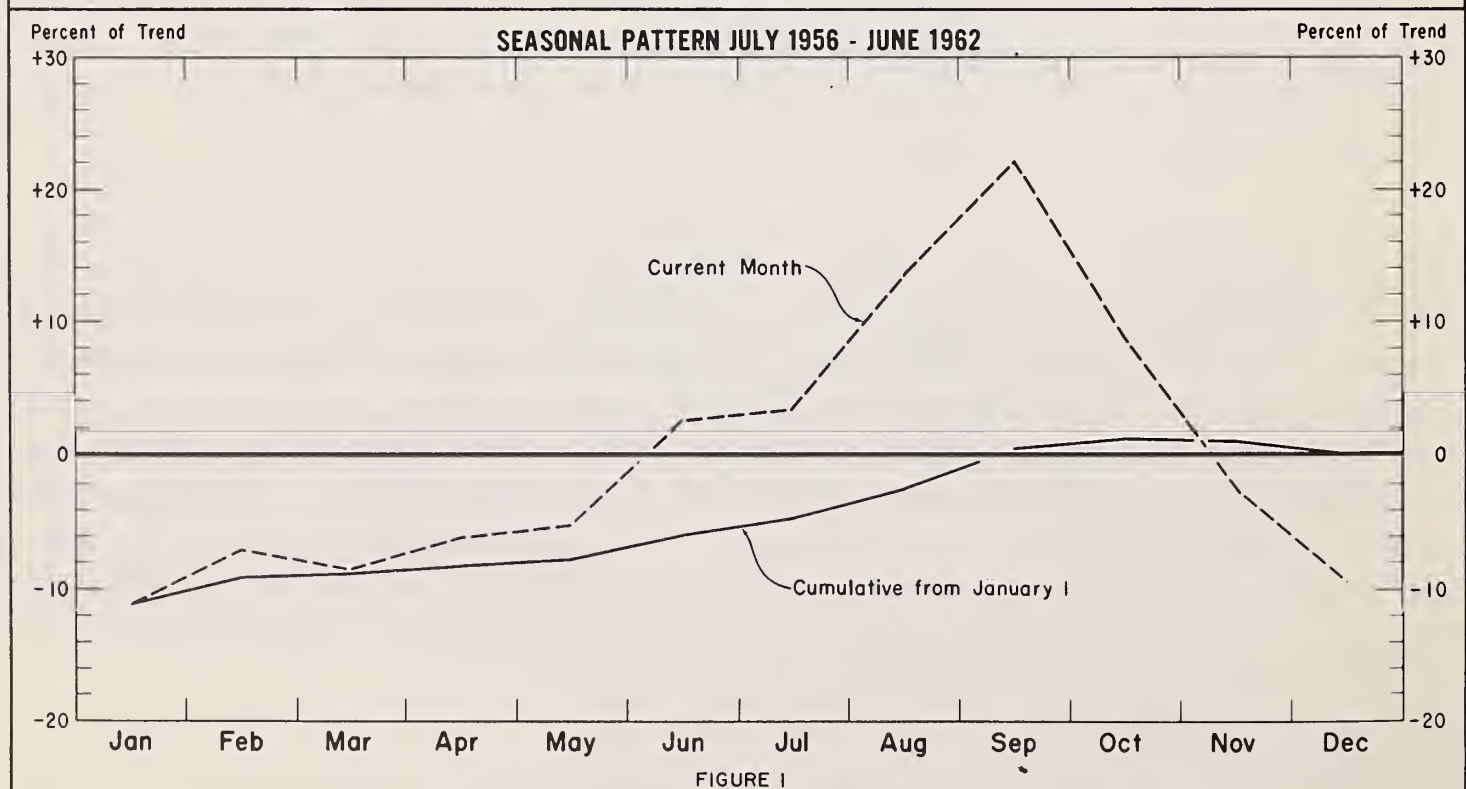
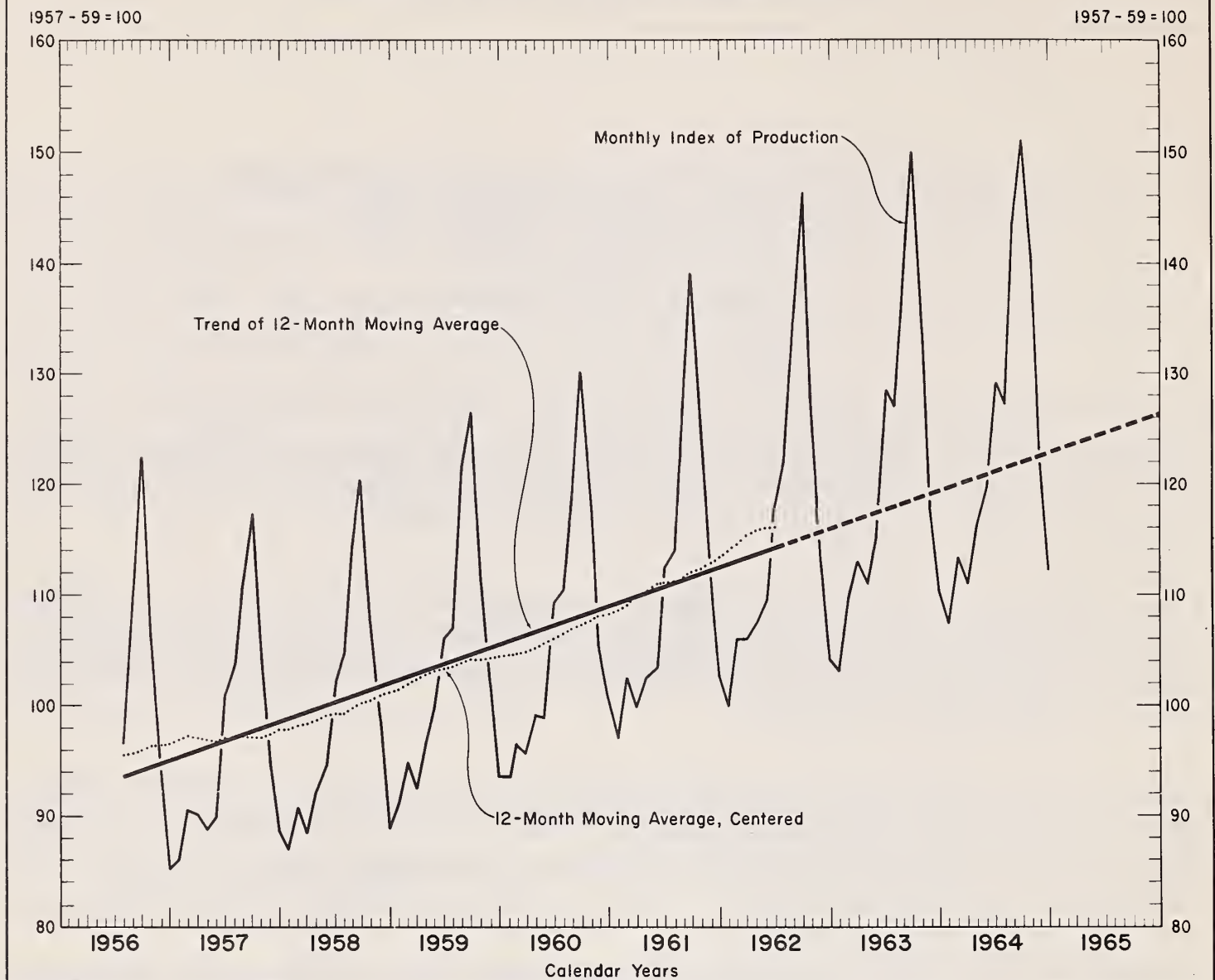


FIGURE 1

TOTAL DELIVERIES OF CALORIC SWEETENERS (SUGAR AND CORN SYRUP AND DEXTROSE)

1957-59=100

✓ Sugar part adjusted for year-end constructive deliveries

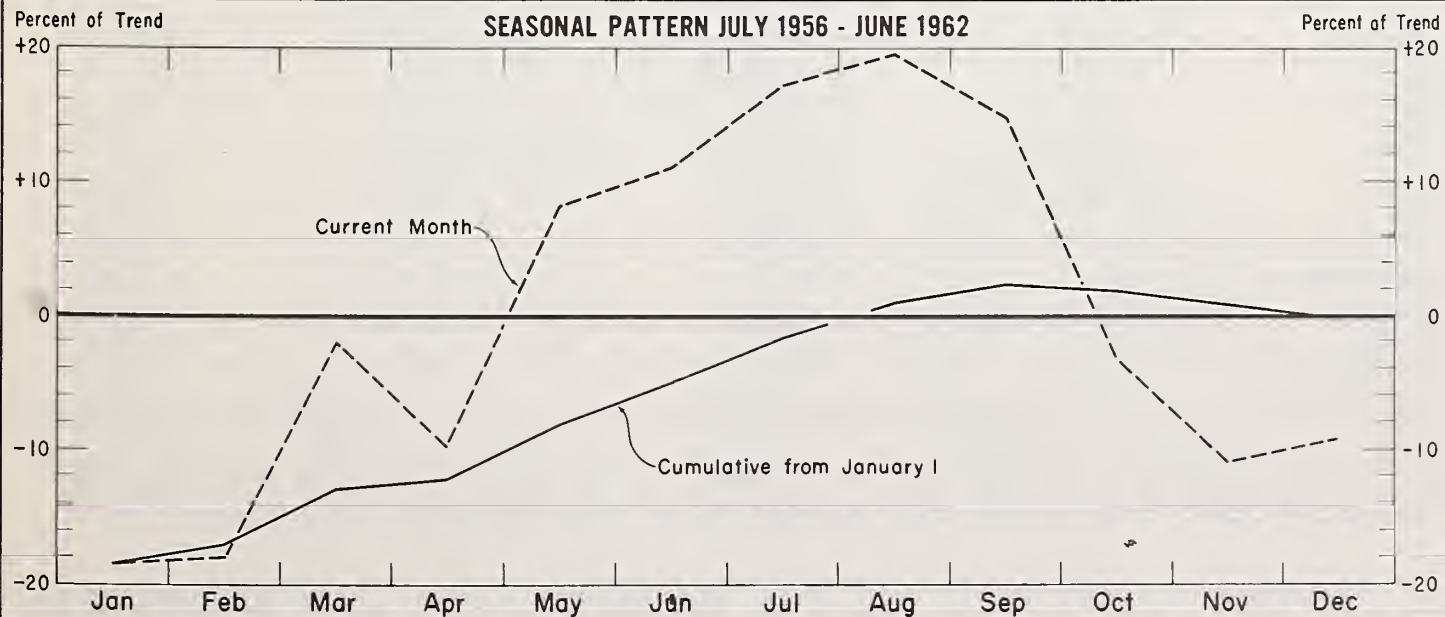
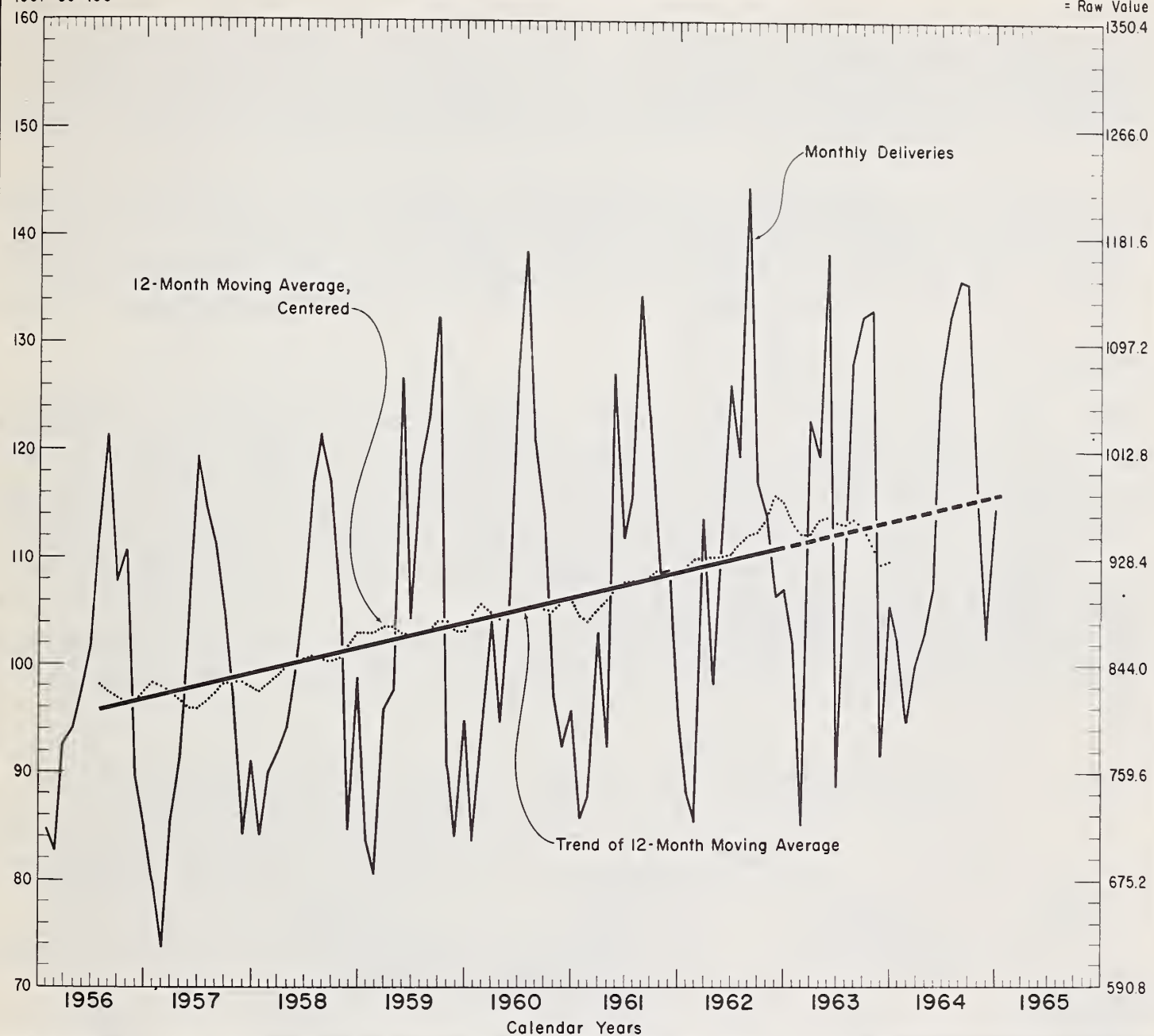
1000 Short Ton
= Raw Value

FIGURE 2

physically delivered to customers until January or February the following year). Finally the total caloric sweetener deliveries per unit of product production were computed and evaluated (see later discussion).

It may be noted that in this analysis total caloric sweetener delivery data are used instead of "industrial" deliveries only, because of their availability and because it appears that changes in the non-industrial industrial uses have been gradual and not sufficient to distort the overall picture herein evaluated. ^{4/}

The seasonal patterns for product production and caloric sweetener deliveries had different degrees of similarities, with the caloric sweetener seasonal pattern rising above and falling below the monthly average for the year one month earlier than product production during the period of enlarged output of products containing relatively high sweetener content (Table 1 and figures 1 and 2).

^{4/} In the preparation of the data used for this analysis substantial assistance was given by William N. Garrott and Robert S. Stansberry

Table 1. Seasonal pattern ^{1/} for production of sweetener containing products and for total caloric sweetener deliveries ^{2/}

Month	Current		Cumulative from January 1	
	Product production	Caloric sweetener deliveries	Product production	Caloric sweetener deliveries
Percent of trend				
January	-11.2	-18.5	-11.2	-18.5
February	- 7.0	-17.8	- 9.1	-18.1
March	- 8.6	- 2.0	- 8.9	-12.8
April	- 6.3	- 9.6	- 8.3	-12.0
May	- 5.2	+ 8.3	- 7.7	- 7.9
June	+ 2.5	+11.2	- 6.0	- 4.7
July	+ 3.4	+17.3	- 4.6	- 1.6
August	+13.6	+19.6	- 2.3	+ 1.1
September	+22.1	+14.7	+ 0.4	+ 2.6
October	+ 8.7	- 3.1	+ 1.2	+ 2.0
November	- 2.4	-10.8	+ 0.9	+ 0.8
December	- 9.6	- 9.2	0.0	0.0

^{1/} Progressively weighted (i.e. first year weighted one, second year weighted two, etc.) for the period July 1956 through June 1962.

^{2/} Included sucrose sugar and corn sweeteners (corn sirup and dextrose). Data for sugar have been adjusted for "constructive deliveries."

During the six year period, 1957-62, product production increased from an index of 97.1 to 116.1, and trended upward about 3.5 percent annually. Caloric sweetener deliveries during the same period increased from 9,749,000 short tons, raw value, in 1957 to 11,250,000 tons in 1962 and trended upward about 2.3 percent. Both product production and caloric sweetener deliveries rose further in 1963 and in 1964 but the former outstripped the latter by substantially more than the margin in earlier years. (Table 2).

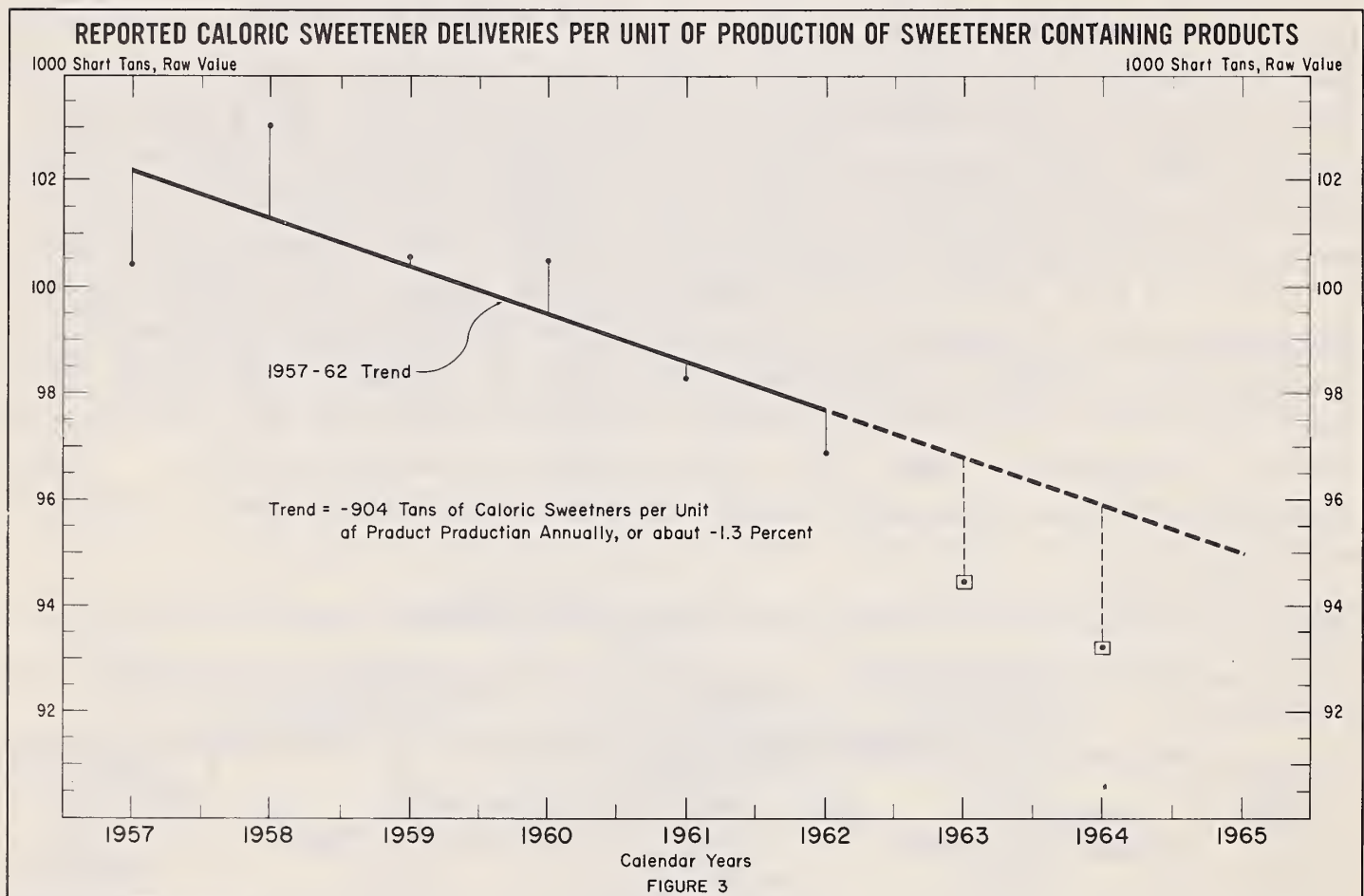
The faster upward trend in years prior to 1963 for product production than for total caloric sweetener deliveries indicates that the output of relatively low or of non-sweetener containing items in the product production index have been growing more rapidly than the relatively high sweetener containing items or that the formulations of products produced have gradually changed. The growing use of non-nutritive sweeteners in the latter part of the 1957-62 base period also dampened slightly the growth rate of nutritive sweeteners. To reflect these the annual requirements of caloric sweeteners per unit of product production were analyzed. Since the 1957-59 monthly average equals 100 for the index of product production, each unit of production is considered as one-hundredth of that average for the purposes of this analysis. (Table 3 and figure 3).

Table 2. Production of sweetener containing products and deliveries of caloric sweeteners

Calendar year	Production of sweetener containing products			Deliveries of caloric sweeteners		
	Current	1/production	Trend	Reported	1/	Reported deliveries
	:	:	:	:	:	:
	:	:	:	:	:	:
		Percent		1.000 short tons	Percent	
				raw value		
1957	97.1	96.9	100.2	9,749	9,931.3	98.2
1958	99.2	100.4	98.8	10,217	10,174.9	100.4
1959	103.5	103.8	99.7	10,401	10,418.5	99.8
1960	106.4	107.3	99.2	10,686	10,662.1	100.2
1961	111.2	110.8	100.4	10,931	10,905.7	100.2
1962	116.1	114.3	101.6	11,250	11,149.2	100.9
1963	121.5	117.8	103.1	11,473	11,392.8	100.7
1964	124.4	121.2	102.6	11,588	11,636.4	99.6

1/ Trend of 12-month moving average centered for period from July 1956 through June 1962.

Assuming that the 1957-62 trend was influenced primarily by normal gradual changes of any and all kinds (including any gradual changes in the use of non-nutritive sweeteners) rather than abnormal new developments, annual departures from the trend should reflect year end inventory adjustments of caloric sweeteners (including intransit supplies) and/or shifts from nutritive sweeteners during the year.



The 1957-62 annual departures from trend averaging 96,000 tons may be considered as having been influenced largely by inventory adjustments (including intransit supplies). But what about the period since the end of 1962? On the basis of the 1957-62 observations some abnormal new developments are indicated for 1963 and 1964, particularly of great impact on sugar since the ratio of sugar to total caloric sweetener deliveries continued to fall in both years. If there were no "invisible inventory" adjustments at year-end, the indicated shifts from caloric sweeteners to non-caloric sweeteners were 282,000 tons in 1963 and 336,000 tons in 1964, or a 618,000 ton two year total.

Table 3. Production of sweetener containing products and reported deliveries of caloric sweeteners by primary distributors

Line	Item	: : 1957	: : 1958	: : 1959	: : 1960	: : 1961	: : 1962	: : 1963	: : 1964
1.	Production of sweetener containing products <u>1/</u> (Monthly average)	97.1	99.2	103.5	106.4	111.2	116.1	121.5	124.4
2.	Reported deliveries of caloric sweeteners <u>2/</u>	9,749	10,217	10,401	10,686	10,931	11,250	11,473	11,588
(a)	Per unit of production of sweetener containing products <u>2/</u> (line 2 ÷ line 1)	100.40	102.99	100.49	100.43	98.30	96.90	94.43	93.15
	(1) 1957-62 trend	102.18	101.27	100.37	99.47	98.56	97.66	96.75	95.85
3.	Caloric sweeteners needed to equal trend <u>2/</u> (line 2(a)(1) x line 1)	9,922	10,046	10,388	10,584	10,960	11,338	11,755	11,924
4.	Reported caloric sweetener deliveries in relation to deliveries needed to equal trend <u>2/</u> (line 2 - line 3)	-173	+171	+13	+102	-29	-88	-282	-336

1/ 1957-59 = 100, thus the annual average production for 1957-59 is considered as 100 units. The average for these three years varies slightly from 100 due to rounding.

2/ 1,000 short tons, raw value of sucrose sugar, corn sirup and dextrose (data for sucrose sugar have been adjusted for year-end constructive deliveries).

To the extent that year-end inventories were changed, shifts were larger or smaller by a like amount in the same direction. It is probable that inventory variation would have no substantial effect on the two year total, but may have slightly overstated the apparent shift in 1963 and had the effect of slightly understating the shift in 1964. The shifts far exceed any apparent possible year-end invisible inventory adjustments.

APPENDIX

INDEXES OF PRODUCTION OF SWEETENER CONTAINING PRODUCTS

To reflect variation in the quantity of caloric sweeteners used per unit of product produced, the quantity of sucrose sugar as reported by the U. S. Census Bureau in 1958 plus the deliveries of corn sweeteners by corn refiners in that year were used where applicable as weight for computing the individual industrial groupings and for the combined index. (See tables 4 and 5). The individual groupings were arranged as nearly as practicable to match as to content the deliveries of sucrose sugar shown quarterly in Sugar Reports.

Beverages, canned, bottled and frozen foods, and other foods not elsewhere classified are considered together in the combined index because the n.e.c. (not elsewhere classified) sub-group appears to relate more nearly to the beverage and canning trades than to other food industries.

Table 4.- Composition of sweetener containing products' production indexes

Group	Weight		Coverage	Standard	
	within group	Combined index		Industrial classification	FRB index used
1. Bakery and allied products					
(a) Grain mill	21.3		Flour and meal Cereal preparations Flour mixes	2041) 2043) 2045)	Wheat flour
(b) Bakery products	78.7		Bread and related products Biscuits, crackers and pretzels) 2051)) 2052)	Bakery products
Group total	100.0	28.6			
2. Confectionery and related products	100.0	24.1	Confectionery products, chocolate and cocoa products chewing gum	2071)) 2072) 2073)	Confectionery
3. Dairy products					
(a) Butter	1.6		Butter	2021	Butter
(b) Concentrated milk	14.2		Concentrated milk	2023	Concentrated milk
(c) Frozen desserts	84.2		Ice cream and allied products	2024	Frozen desserts
Group total	100.0	8.1			
4. Beverages, canned, bottled and frozen foods, and other foods, n.e.c.					
(a) Beverages	52.1		Malt liquors Bottled and canned soft drinks Flavorings	2082) 2086)) 2087)	Soft drinks
(b) Canned, bottled and frozen foods	32.4		Canned fruits and vegetables, jams, jellies & preserves Canned specialties Pickles and sauces Frozen fruits and vegetables	2033 2032) 2035)) 2037)	Canned & frozen foods
(c) Other foods, n.e.c.	15.5		Mixtures of several groups	2099	Misc. food preparations
Group total	100.0	39.2			
Grand total		100.0			

Table 5.- Proportionate weights of each group in the combined index of production of sweetener containing products

Group	Use or shipments		Total	Percent
	Sucrose 1/ sugar	Corn 2/ sweeteners		
	1,000 short tons, raw value			
1. Bakery and allied products	1,323	250	1,573	28.6
2. Confectionery	969	357	1,326	24.1
3. Dairy products	390	59	449	8.1
4. Beverages; canned, bottled and frozen foods (including jams, jellies and preserves and other foods, n.e.c.)	2,004	152 ^{3/}	2,156	39.2
Total	4,686	818	5,504	100.0

1/ Use in 1958 per Census of Manufactures converted to a short ton, raw value, basis.

2/ Shipments per Price Waterhouse reports converted to a short ton, raw value basis. Represents about two thirds of the total shipments of corn sweeteners in 1958.

3/ Shipments to "breweries and fountain sirups; canners, packers, jams, jellies, preserves."

PERCENTAGE OF PHYSICAL DELIVERIES OF SUGAR BY MONTHS
1958-1964

by
Eugene T. Cook

For the purpose of calculating the percentages shown in Table 6 monthly deliveries as reported have been adjusted by deducting year end constructive deliveries from December and adding half of that amount to January and half to February of the following year. Constructive deliveries must be physically delivered during January-February of the following year but the amounts actually delivered during each month are not reported.

As a result of price moves there is a considerable range in the percentage of deliveries in any one month during the years shown. The seven year average as well as an average of five selected years are shown. By omitting the extremes, the high and low percentages of the months during the seven year period, the five year average seemed to be more representative than the seven year average. This method removes eight of the monthly percentages during calendar year 1963 when the rate of deliveries was quite erratic. During four months of that year the monthly percentages were the highest and in four months the lowest for the seven year period. While not entirely removing the effects of wide variations the method used did tend to minimize them.

During any calendar year there will be variations from these calculated delivery figures because of price changes and stockpiling but generally the following months will show an approximate offsetting decrease.

The derived monthly percentages of physical deliveries are not intended to represent consumption during the month since there is some lag between the time of delivery and ultimate usage. There are no statistics available as to actual consumption but these figures may be of value in arriving at such estimates. The delivery statistics suggest that consumption ranges between 21% to 33% during the first quarter, 25% to 27% during the second quarter, 28% to 30% during the third quarter and 22% to 24% during the fourth quarter of the year.

The number of working days in a month has considerable influence on the volume and percentage of sugar delivered during one month as compared to another. For example, the January percentage of 6.85% when divided by the number of working days (excluding holidays and Saturday and Sunday) resulted in a daily figure of 0.32% while the February daily deliveries were 0.37% even though the February total was lower (6.77%) than that of January. Similarly the November total percentage is shown at 7.27% as compared to 8.27% for October but on a daily basis November would be 0.40% as compared to 0.39% for October.

These statistics relate to the past seven years and are not intended to predict future years but may be helpful for that purpose when weighted by current evaluation of the marketing situation.

Table 6.-Monthly percentages of calendar year physical deliveries of sugar for U.S. consumption 1958-64

Month	1958	1959	1960	1961	1962	1963	1964	7 year 1958-64 average	Average of 5 selected years ^{1/}
Percent									
January	6.84	6.69	6.52	6.56	6.56	7.63	7.45	6.89	6.85
February	7.36	6.47	7.24	6.76	6.34	6.36	6.85	6.77	6.77
March	7.60	7.79	8.23	7.93	8.62	9.32	7.12	8.09	8.07
April	7.79	7.92	7.45	7.12	7.13	9.01	7.43	7.69	7.57
May	8.21	10.60	8.30	10.05	8.45	10.43	7.77	9.12	9.13
June	8.95	8.48	10.32	8.60	9.76	6.01	9.33	8.78	9.06
July	9.84	9.70	11.30	9.05	9.05	8.12	9.90	9.57	9.55
August	10.02	9.95	9.39	10.37	10.93	9.32	9.93	9.99	9.98
September	9.63	10.85	8.92	9.52	8.72	9.73	9.87	9.60	9.57
October	8.62	7.14	7.45	8.25	8.48	9.82	8.36	8.30	8.27
November	6.91	6.70	7.27	8.41	7.92	6.47	7.42	7.30	7.27
December	<u>8.23</u>	<u>7.71</u>	<u>7.61</u>	<u>7.38</u>	<u>8.04</u>	<u>7.78</u>	<u>8.57</u>	<u>7.90</u>	<u>7.91</u>
Calendar year	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1st quarter	21.80	20.95	21.99	21.25	21.52	23.31	21.42	21.75	21.69
2nd quarter	24.95	27.00	26.07	25.77	25.34	25.45	24.53	25.59	25.76
1st half	46.75	47.95	48.06	47.02	46.86	48.76	45.95	47.34	47.45
3rd quarter	29.49	30.50	29.61	28.94	28.70	27.17	29.70	29.16	29.10
4th quarter	23.76	21.55	22.33	24.04	24.44	24.07	24.35	23.50	23.45
2nd half	53.25	52.05	51.94	52.98	53.14	51.24	54.05	52.66	52.55

^{1/} Omits high and low percentage and averages prorated to 100 percent.

ADMINISTRATIVE ACTIONSDate announcedNature of action

April 28,
1965

Announced a public hearing for May 14 at the Holiday Inn, Belle Glade, Florida, beginning at 10:00 a.m. on fair prices for the 1965 Florida sugarcane crop and on whether the wage determination applicable to field workers -- which became effective Oct. 1, 1964 -- should be continued or amended. (See May 1, 1965 Federal Register).

April 29,
1965

Included Contra Costa County, California as a county approved for abandonment and crop deficiency payments - 1963 sugarbeet crop. (See May 6, 1965 Federal Register).

April 30,
1965

Announced issuance of amendments to the wage determinations applicable to work performed in the Mainland sugarcane and sugarbeet areas after May 11, 1965 which strengthen provisions of the sugar program relating to full payment of wages due farm workers.

Date announcedNature of action

April 30,
1965 (cont'd)

In cases of non-compliance with the wage provisions of the Act, the full amount of the Sugar Act payment may be withheld until evidence satisfactory to the county committee has been submitted that all workers have been paid in full. Producers are being made solely responsible for locating workers and paying them the full wages due, except in situations where a determination is made that the producer was not at fault. (See May 5, 1965 Federal Register).

May 25,
1965

Announced fair and reasonable rates for processing 1965-crop Hawaiian sugarcane. (Scheduled for publication in Federal Register May 28, 1965)

STATISTICAL SERIES IN THIS ISSUEHIGHLIGHTS

1. April 1965 sugar deliveries for continental U. S. consumption 770,000 short tons, raw value (preliminary) down about 10,000 tons from March 1965 and up 40,000 tons from April 1964. January-April 1965 deliveries 2,905,000 short tons, raw value, up 252,000 tons from January-April 1964. Final data for March 1965 deliveries 780,000 short tons, raw value - previously published preliminary as 772,000 tons.

2. Primary distributors' stocks May 1, 1965 were 2,467,417 short tons, raw value (preliminary), up 126,000 tons from a year ago, and down 151,000 tons from March 31, 1965. During April refiners' stocks decreased 33,000 tons, beet processors' stocks decreased 96,000 tons, mainland cane processors' stocks decreased by 22,000 tons and importers of direct consumption sugar stocks remained about the same.

3. Charges to quotas January 1 to April 30, 1965 were 4,954,757 short tons, raw value, leaving a balance of 4,245,664 tons to be supplied within the 9,200,000 ton total.

4. Regionally, January-March deliveries, 1965 as compared to 1964, were up in 3 of the 5 regions: Increases -- North Central 34.4 percent, West 5.9 percent, South 5.3 percent. Decreases -- New England down 9.6 percent, Middle Atlantic down 2.2 percent.

5. March 1965 distribution of corn sweeteners by corn refiners - the equivalent of 153,000 short tons raw value, up 25,000 tons from February 1965 and up 8,000 tons from March 1964. Corn sirup distribution March 1965-- 111,000 tons, up 24,000 tons from February 1965 and up 11,000 from March 1964. Distribution of dextrose March 1965 - 42,000 tons, up 1,000 tons from February 1965 and down 3,000 tons from March 1964.

Table 7. - Sugar supply and disposition by primary distributors, January-March 1965

(Short tons, raw value)

Item	Beet	Importers	Main-land	Refiners		Net total
	processors		cane processors	Raw	Refined	
	(1)	(2)	(3)	(4)	(5)	(6)
SUPPLY						
1. <u>Inventory Jan. 1, 1965</u>	1,696,114	21,891	150,875	594,045 ^{2/}	229,931 ^{2/}	2,692,856
2. <u>Production and movement</u>						
a. Received as direct-consumption sugar	0	33,926	0	0	926	34,852
b. Produced from beets or cane	643,269	0	382,206	3,729	0)	
Less deliveries to refiners	0	0	295,411	0	0)	733,793 ^{3/}
c. Receipts of raws by refiners	0	0	0	1,334,047 ^{4/}	0)	
Less raws melted	0	0	0	1,467,814	0)	-133,767 ^{5/}
d. Refined from raws melted	0	0	0	0	1,458,595	1,458,595
e. Adjustments	+101	+2,649	+1,393	+2,946	-7,226	-137
f. Sub-total	643,370	36,575	88,188	-127,092	1,452,295	2,093,336
3. <u>Net total supply</u>	2,339,484	58,466	239,063	466,953	1,682,226	4,786,192
DISPOSITION						
4. <u>Distribution for</u>						
a. Quota purposes	684,796	37,148	16,693	4,275	1,392,050	2,134,962
b. Export	0	617	0	0	24,902	25,519
c. Livestock feed	0	4,956	0	0	2,077	7,033
d. Sub-total	684,796	42,721	16,693	4,275	1,419,029	2,167,514
5. <u>Inventory March 31, 1965</u>	1,654,688	15,745	222,370	462,678 ^{6/}	263,197 ^{6/}	2,618,678
6. <u>Total distribution and inventory</u>	2,339,484	58,466	239,063	466,953	1,682,226	4,786,192

^{1/} Establishments that acquire no raw sugar from others for refining. Processor-refiners are included with refiners.

^{2/} Includes Mainland cane sugar not charged to quota: Raws, 98,780; Refined, 22,107; Total, 120,887.

^{3/} Production less deliveries of raw sugar to refiners.

^{4/} Includes 291,309 tons received from mainland cane processors.

^{5/} Receipts of raw sugar by refiners less melt.

^{6/} Includes mainland cane sugar not charged to quota: Raws, 91,110; Refined, 11,331; Total, 102,441

Table 8.-Distribution of sugar by primary distributors, January-March 1965 and 1964

Item	1965	1964	Change 1964 to 1965
Short tons, raw value			
<u>Continental United States</u>			
Refiners' raw	4,275	2,331	+ 1,944
Refiners' refined	1,419,029	1,356,526	+ 62,503
Sub-total	1,423,304	1,358,857	+ 64,447
Beet processors' refined	684,796	510,313	+174,483
Importers' direct consumption	42,721	37,297	+ 5,424
Mainland sugarcane processors'	16,693	19,672	- 2,979
Total	2,167,514	1,926,139	+241,375
For: Export	25,519	3,314	+ 22,205
Livestock feed	7,033	0	+ 7,033
Continental consumption ^{1/}	2,134,962	1,922,825	+212,137
<u>Puerto Rico</u>	26,000 ^{2/}	26,550	- 550
<u>Hawaii</u>	8,821	7,359	+ 1,462
^{1/} Includes deliveries for United States military forces at home and abroad. ^{2/} Estimated			

Table 9. Stocks of sugar held by primary distributors in the continental United States, March 31, 1965 and 1964

Item	1965	1964	Change 1964 to 1965
Short tons, raw value			
Refiners' raw	462,678	668,973	-206,295
Refiners' refined	263,197	351,701	- 88,504
Sub-total ^{1/}	725,875	1,020,674	-294,799
Beet processors' refined	1,654,688	1,330,046	+324,642
Importers' direct consumption	15,745	35,398	- 19,653
Mainland sugarcane processors'	222,370	147,080	+ 75,290
Total	2,618,678	2,533,198	+ 85,480
^{1/} Included mainland cane sugar not charged to quota: 1965 - Raws, 91,110; Refined, 11,331; Total, 102,441; 1964 - Raws, 47,535; Refined, 18,828; Total, 66,363.			

Table 10. Distribution of sugar by primary distributors in the continental United States, April and January-April 1965 and 1964

Item	1965 ^{1/} April	1965 ^{1/} Jan.-April	1964 April	1964 Jan.-April
Short tons, raw value				
Refiners	551,310	1,974,614	525,408	1,884,265
Beet processors' refined	192,779	877,575	187,832	698,145
Importers' direct consumption	18,100	60,821	15,567	52,864
Mainland sugarcane processors'	8,000 ^{2/}	24,693	3,103	22,775
Total	770,189	2,937,703	731,910	2,658,049
For: Export	n.a.	25,519	1,357	4,671
Livestock feed	n.a.	7,033	0	0
Continental consumption ^{3/}	770,189	2,905,151	730,553	2,653,378

^{1/} Preliminary. ^{2/} Estimated. ^{3/} Includes deliveries for U. S. military forces at home and abroad.

Table 11. Stocks of sugar held by primary distributors in the continental United States, May 1, 1965 and April 30, 1964

Item	1965 ^{1/}	1964	Change 1964 to 1965
Short tons, raw value			
Refiners' raw	415,321	549,315	-133,994
Refiners' refined	277,499	375,599	- 98,100
Sub-total	692,820	924,914	-232,094
Beet processors' refined	1,558,749	1,254,603	+304,146
Importers' direct consumption	15,848	38,422	- 22,574
Mainland sugarcane processors'	200,000 ^{2/}	123,225	+ 76,775
Total	2,467,417	2,341,164	+ 126,253

^{1/} Preliminary^{2/} Estimated

Table 12.- Mainland sugar: Production and quota charges January-March 1965 and 1964

Item	1965	1964	Change 1964 to 1965
Short tons, raw value			
<u>Production</u>			
Mainland cane	385,305	281,312	+103,993
Domestic beet	643,370	815,193	-171,823
Total	1,028,675	1,096,505	- 67,830
<u>Quota charges</u>			
Mainland cane:			
Louisiana sugarcane processors			
For further processing	61,948	21,264	+ 40,684
For direct-consumption	3,823	2,703	+ 1,120
Louisiana processor-refiners	30,480	35,671	- 5,191
Florida sugarcane processors	234,268	148,644	+ 85,624
Sub-total	330,519	208,282	+122,237
Beet processors	684,796	510,313	+174,483
Total	1,015,315	718,595	+296,720

Table 13. Sugar receipts of refiners and importers by source of supply^{1/} January-March 1965 and 1964

Source of supply	Raw sugar		Direct-consumption sugar		Total	
	1965	1964	1965	1964	1965	1964
Short tons, raw value						
<u>Offshore</u>						
<u>Foreign</u>						
Argentina	4,143	10,186			4,143	10,186
Belgium			4,448		4,448	
Brazil	48,341	5,657	323		48,664	5,657
British West Indies	14,585			2	14,585	2
China, Republic of	9,350				9,350	
Colombia	11,743				11,743	
Costa Rica	7,475				7,475	
Denmark			20		20	
Dominican Republic	86,634	98,380			86,634	98,380
Ecuador	5,729				5,729	
El Salvador	11,892				11,892	
France		104	2,831	1,179	2,831	1,283
French West Indies		5,933				5,933
Guatemala	11,851	6,856		487 ^{2/}	11,851	7,343
Haiti	5,797	4,370			5,797	4,370
Hong Kong			10	10	10	10
India	11,954	11,567			11,954	11,567
Ireland			1,796		1,796	
Japan			1		1	
Mexico	116,508	156,478	695	10	117,203	156,488
Netherlands			10		10	
Nicaragua	7,699				7,699	
Panama	4,626	4,692	1,658	1,284	6,284	5,976
Peru	36,673	37,155			36,673	37,155
Philippines	217,000	124,584	1,000	2,954	218,000	127,538
South Africa	29,246	30,420			29,246	-30,420
Sweden			10	2	10	2
United Kingdom			74	9	74	9
Total	641,246	496,382	12,876	5,937	654,122	502,319
<u>Domestic</u>						
Hawaii	251,288	220,870	926 ^{2/}	0	252,214	220,870
Puerto Rico	149,710	142,943	21,050	24,335	170,760	167,278
Virgin Islands	0	0	0	0	0	0
Sub-total	400,998	363,813	21,976	24,335	422,974	388,148
Total all offshore	1,042,244	860,195	34,852	30,272 ^{3/}	1,077,096	890,467
Mainland cane area	295,038	165,363	0 ^{3/}	1,250 ^{3/}	295,038	166,613
Acquired for reprocessing and samples	494	654	0	0	494	654
Grand total	1,337,776	1,026,212	34,852	31,522	1,372,628	1,057,734

^{1/} Includes sugar as detailed in Table 14. ^{2/} Refined sugar received by refiners. ^{3/} Refined sugar produced direct from cane by processor-refiner.

Table 14. Receipts of quota-exempt and over-quota sugar included in Table 13.

Purpose	Refiners		Importers		Total	
	1965	1964	1965	1964	1965	1964
Short tons, raw value						
<u>For export</u>						
Belgium			466		466	
Brazil	2,878				2,878	
Colombia	1,610				1,610	
Dominican Republic	15,812				15,812	
Guatemala				487		487
Mexico	26,935				26,935	
Peru	4,266				4,266	
Puerto Rico		232				232
United Kingdom			63		63	
Total	51,501	232	529	487	52,030	719
<u>For livestock feed</u>						
Belgium			3,684		3,684	
Brazil			323		323	
Dominican Republic	1,337				1,337	
France			1,475	1,141	1,475	1,141
Mexico	4,925				4,925	
Total	6,262		5,482	1,141	11,744	1,141
<u>For alcohol</u>						
Brazil	1,708				1,708	
Colombia	10,134				10,134	
Dominican Republic	4,339				4,339	
Mexico	70				70	
Total	16,251				16,251	
<u>In Customs custody</u>						
Belgium			298		298	
France			1,356		1,356	
Hong Kong			15	5	15	5
Peru			7,262		7,262	
Total			8,931	5	8,931	5
Total	74,014	232	14,942	1,633	88,956	1,865

Table 15.- Status of 1965 quotas and charges as of April 30, 1965

Table 15.- Status of 1965 quotas and charges as of April 30, 1965					
Source of supply	Quotas and prorations	Charges to quotas			Balances
		By Su 3	By set-aside	Total	
Short tons, raw value					
Domestic beet sugar	2,650,000			888,000	1,762,000
Mainland cane sugar	895,000			390,000	505,000
Hawaii	1,115,479			399,469	716,010
Puerto Rico	1,140,000			320,303	819,697
Virgin Islands	15,232				15,232
Total domestic areas	5,815,711			1,997,772	3,817,939
Republic of the Philippines	1,050,000	388,667	596,163 ^{4/}	984,830	65,170
Argentina	65,897	12,087	48,384	60,471	5,426
Australia	193,069		147,000	147,000	46,069
Belgium	1,867	1,691		1,691	176
Brazil	228,550	43,756	120,496	164,252	64,298
British Honduras	4,342	1,742	2,600	4,342	
British West Indies	126,145	47,694	61,782	109,476	16,669
China, Republic of	69,819	58,917	10,920	69,837	0
Colombia	29,015	11,738	17,277	29,015	0
Costa Rica	36,041	7,465	28,557	36,022	19
Dominican Republic	398,323	98,290	287,360	385,650	12,673
Ecuador	51,121	11,410	22,848	34,258	16,863
El Salvador	17,904	11,894	6,010	17,904	0
Fiji Islands	47,059		29,120	29,120	17,939
France	5,882	5,164	570	5,734	148
French West Indies	44,352	10,884	33,468	44,352	0
Guatemala	36,276	23,872	12,498	36,370	0
Haiti	19,188	5,796	11,927	17,723	1,465
India	100,164	45,391	55,082	100,473	0
Ireland	2,311	1,796		1,796	515
Malagasy Republic	7,586		7,586	7,586	0
Mauritius	15,430				15,430
Mexico	403,225	156,128	203,353	359,481	43,744
Nicaragua	41,947	23,316	15,600	38,916	3,031
Panama	14,986	10,957	2,737	13,694	1,292
Peru	248,625	47,502	151,437	198,939	49,686
Reunion	2,288				2,288
South Africa	100,108	29,245	24,696	53,941	46,167
Southern Rhodesia	9,197				9,197
Swaziland	9,300				9,300
Turkey	1,517	1,357		1,357	160
Venezuela	2,755		2,755	2,755	0
Total foreign	3,384,289	1,056,759	1,900,226	2,956,985	427,725
Grand total	9,200,000			4,954,757	4,245,664

^{1/} Domestic beet and Mainland cane sugar marketings partly estimated; all other sugar entered, authorized for entry or set-aside.

^{2/} Direct-consumption charges and balances: Hawaii, 1,242 and 30,222; Puerto Rico, 43,272 and 94,728; Philippines, 6,347 and 53,573; Panama, 2,566 and 1,251; Belgium, 182 and 0; Ireland, 1,796 and 515.

^{3/} Includes raw sugar for direct consumption: Hawaii, 73; Philippines, 6.

^{4/} Includes 491,708 reserved for importation during the third quarter. * Applications for entry.

Table 16. Quota-exempt sugar ^{1/} entered under Sections 211(a) and 212(4) as of April 30, 1965

Country	:	for		:	:	:		
	:	:	:	:	:	:		
	:	Reexport	:	Feed	:	Alcohol	:	Total
<hr/>								
Short tons, raw value								
Belgium	545		3,684				4,229	
Brazil	2,878		1,770		1,708		6,356	
Colombia	1,610				10,134		11,744	
Dominican Republic	20,471		1,337		4,339		26,147	
France			2,065				2,065	
Mexico	26,935		9,214		71		36,220	
Peru	4,266						4,266	
United Kingdom	63						63	
Total	56,768		18,070		16,252		91,090	

^{1/} In addition a total of 175 tons were entered under provisions of Sec. 212; first 10 tons - 71; and liquid sugar in small containers - 104 tons.

In addition to quantities shown, there is in Custom's custody Hong Kong - 15 tons; France - 767; Peru - 7262; Mexico - 308.

Table 17. - Primary distribution of sugar, continental United States, by States, March 1965

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct- consumption sugar	Mainland cane sugar mills	Total
Hundredweights ^{1/}					
<u>New England</u>					
Connecticut	98,084		700		98,784
Maine	45,004		2,550		47,554
Massachusetts	444,495		18,885	300	463,680
New Hampshire	30,423				30,423
Rhode Island	37,758		2,840		40,598
Vermont	20,849				20,849
Sub-total	676,613		24,975	300	701,888
<u>Mid-Atlantic</u>					
New Jersey	633,095	5,253	73,415	700	712,463
New York	1,358,143	22,647	85,097		1,465,887
Pennsylvania	960,888	24,348	56,440		1,041,676
Sub-total	2,952,126	52,248	214,952	700	3,220,026
<u>North Central</u>					
Illinois	557,538	1,368,508			1,926,046
Indiana	313,466	146,259			459,725
Iowa	31,027	114,038			145,065
Kansas	35,338	72,464		300	108,102
Michigan	252,122	292,114			544,236
Minnesota	26,366	93,402		1,000	120,768
Missouri	130,776	168,378		600	299,754
Nebraska	6,507	84,321			90,828
North Dakota	198	15,588			15,786
Ohio	472,210	166,854	1,150		640,214
South Dakota	1,563	12,417			13,980
Wisconsin	72,831	174,588			247,419
Sub-total	1,899,942	2,708,931	1,150	1,900	4,611,923
<u>Southern</u>					
Alabama	195,494				195,494
Arkansas	70,841	17,741		806	89,388
Delaware	164,127				164,127
District of Columbia	26,240		1,000		27,240
Florida	217,169		8,465	146,717	372,351
Georgia	425,292		205		425,497
Kentucky	166,629	7,075		460	174,164
Louisiana	236,553			1,365	237,918
Maryland	342,189		23,721		365,910
Mississippi	112,355			1,820	114,175
North Carolina	289,076		2,345		291,421
Oklahoma	66,924	23,770			90,694
South Carolina	125,575				125,575
Tennessee	273,661			641	274,302
Texas	529,334	139,893			669,227
Virginia	218,459		38,099		256,558
West Virginia	49,711	1,200			50,911
Sub-total	3,509,629	189,679	73,835	151,809	3,924,952
<u>Western</u>					
Alaska	2,105	4,241			6,346
Arizona	31,342	20,680			52,022
California	602,434	1,022,493		700	1,625,627
Colorado	6,441	91,668			98,109
Idaho	3,768	17,411			21,179
Montana	900	13,776			14,676
Nevada	7,149	3,718			10,867
New Mexico	7,156	9,832			16,988
Oregon	46,709	77,655			124,364
Utah	6,164	41,889			48,053
Washington	45,364	106,855			152,219
Wyoming	292	5,272			5,564
Sub-total	759,824	1,415,490		700	2,176,014
Grand total	9,798,134	4,366,348	314,912	155,409	14,634,803

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 18. - Primary distribution of sugar, continental United States, by States, January-March 1965

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct- consumption sugar	Mainland cane sugar mills	Total
Hundredweights $\frac{1}{2}$					
<u>New England</u>					
Connecticut	264,927	1,000	2,300		268,227
Maine	113,528		2,550		116,078
Massachusetts	1,071,726		23,127	692	1,095,545
New Hampshire	73,165				73,165
Rhode Island	93,898		3,540		97,438
Vermont	50,560				50,560
Sub-total	1,667,804	1,000	31,517	692	1,701,013
<u>Mid-Atlantic</u>					
New Jersey	1,628,993	19,791	142,544	1,300	1,792,628
New York	3,457,189	67,585	206,443		3,731,217
Pennsylvania	2,504,281	74,232	142,284		2,720,797
Sub-total	7,590,463	161,608	491,271	1,300	8,244,642
<u>North Central</u>					
Illinois	1,633,217	3,544,543		29,319	5,207,079
Indiana	883,693	381,671			1,265,364
Iowa	103,713	412,664			516,377
Kansas	101,822	227,974		900	330,696
Michigan	629,172	866,501			1,495,673
Minnesota	117,590	502,902		2,000	622,492
Missouri	512,461	551,838		1,806	1,066,105
Nebraska	30,958	358,799		1,000	390,757
North Dakota	226	78,195			78,421
Ohio	1,244,934	546,007	1,870		1,792,811
South Dakota	5,097	84,531			89,628
Wisconsin	247,056	608,710			855,766
Sub-total	5,509,939	8,164,335	1,870	35,025	13,711,169
<u>Southern</u>					
Alabama	559,520			9,500	569,020
Arkansas	195,612	36,998		1,814	234,424
Delaware	482,691		100		482,791
District of Columbia	68,627		8,440		77,067
Florida	618,036		20,647	241,355	880,038
Georgia	1,147,369		205	5,325	1,152,899
Kentucky	460,841	12,155		3,660	476,656
Louisiana	675,848	911		7,390	684,149
Maryland	818,128	2,000	67,159		887,287
Mississippi	302,888			4,110	306,998
North Carolina	823,207		6,235	396	829,838
Oklahoma	253,322	93,041			346,363
South Carolina	347,613				347,613
Tennessee	756,973			1,010	757,983
Texas	1,510,983	464,833		3	1,975,819
Virginia	550,923		65,597		616,520
West Virginia	144,358	3,090			147,448
Sub-total	9,716,939	613,028	168,383	274,563	10,772,913
<u>Western</u>					
Alaska	4,308	7,886			12,194
Arizona	89,099	56,492			145,591
California	1,353,303	2,653,246		1,300	4,007,849
Colorado	20,044	290,747			310,791
Idaho	10,248	53,123			63,371
Montana	8,075	70,234			78,309
Nevada	16,190	12,104			28,294
New Mexico	21,989	44,048			66,037
Oregon	119,285	223,439		600	343,324
Utah	17,693	120,086			137,779
Washington	123,250	308,988			432,238
Wyoming	972	18,889			19,861
Sub-total	1,784,456	3,859,282		1,900	5,645,638
Grand total	26,269,601	12,799,253	693,041	313,480	40,075,375

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 19 - Primary distribution of sugar, continental United States, by states, January-March 1965 and 1964

State and Region	Cane sugar refiners		Beet processors		Total all Primary Distributors ^{1/}	
	1965	1964	1965	1964	1965	1964
Thousands of hundredweights ^{2/}						
<u>New England</u>						
Connecticut	265	263	1	9	268	275
Maine	113	128		5	116	133
Massachusetts	1,072	1,140		48	1,096	1,224
New Hampshire	73	75			73	75
Rhode Island	94	112			97	113
Vermont	51	38		23	51	61
Sub-total	1,668	1,756	1	85	1,701	1,881
<u>Mid-Atlantic</u>						
New Jersey	1,629	1,610	20	98	1,793	1,877
New York	3,457	3,418	68	275	3,731	3,821
Pennsylvania	2,504	2,421	74	204	2,721	2,735
Sub-total	7,590	7,449	162	577	8,245	8,433
<u>North Central</u>						
Illinois	1,633	1,715	3,544	2,001	5,207	3,720
Indiana	884	678	381	312	1,265	991
Iowa	104	101	412	260	516	366
Kansas	102	79	228	171	331	251
Michigan	629	579	867	615	1,496	1,194
Minnesota	118	79	503	310	622	390
Missouri	512	487	552	335	1,066	829
Nebraska	31	55	359	149	391	208
North Dakota	*	*	78	49	78	49
Ohio	1,245	1,113	546	452	1,793	1,568
South Dakota	5	6	85	32	90	38
Wisconsin	247	207	609	388	856	600
Sub-total	5,510	5,099	8,164	5,074	13,711	10,204
<u>Southern</u>						
Alabama	559	527			569	527
Arkansas	196	205	37	23	234	230
Delaware	483	102			483	103
District of Columbia	69	66			77	70
Florida	618	643			880	1,035
Georgia	1,147	1,154			1,153	1,154
Kentucky	461	476	12	14	477	491
Louisiana	676	704	1		684	706
Maryland	818	906	2	35	887	1,007
Mississippi	303	329			307	331
North Carolina	823	736			830	754
Oklahoma	253	208	93	76	346	285
South Carolina	348	287			348	288
Tennessee	757	735		1	758	736
Texas	1,511	1,412	465	360	1,976	1,777
Virginia	551	521		18	617	576
West Virginia	144	154	3	3	147	157
Sub-total	9,717	9,165	613	530	10,773	10,227
<u>Western</u>						
Alaska	4	11	8	4	12	15
Arizona	89	111	57	68	146	179
California	1,354	1,491	2,653	2,088	4,008	3,597
Colorado	20	18	291	142	311	161
Idaho	10	14	53	74	63	88
Montana	8	7	70	59	78	66
Nevada	16	19	12	12	28	31
New Mexico	22	17	44	32	66	49
Oregon	119	134	223	226	343	374
Utah	18	21	120	141	138	162
Washington	123	170	309	412	432	595
Wyoming	1	1	19	11	20	12
Sub-total	1,784	2,014	3,859	3,269	5,645	5,329
<u>Grand total</u>	<u>26,269</u>	<u>25,483</u>	<u>12,799</u>	<u>9,535</u>	<u>40,075</u>	<u>36,074</u>

^{1/} Includes deliveries by importers of direct-consumption sugar and mainland cane sugar mills.^{2/} Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

* Less than 500 hundredweights.

Table 20.- Sugar prices

Year and month	Refined beet sugar - quoted wholesale (gross)					
	3/			4/		
	Domestic	Quota	premiums	Chicago-	Pacific	
	sugar at NY	"World"	and	Eastern	West	Coast
	duty paid 1/	sugar 2/	discount			
Cents per pound						
1960-64 Monthly average	6.83	4.68	+1.23	9.24	9.21	9.49
1963 Monthly average	8.18	8.50	-1.23	10.58	10.34	10.71
1964 Monthly average	6.90	5.87	+0.11	9.38	9.38	9.85
1964						
May	6.65	7.12	-1.39	9.48	9.48	9.97
June	6.45	5.33	+0.20	8.89	8.89	9.33
July	6.25	4.80	+0.53	8.85	8.85	9.30
August	6.18	4.37	+0.89	8.71	8.71	9.16
September	6.20	3.71	+1.57	8.60	8.60	9.05
October	6.27	3.70	+1.65	8.60	8.60	9.05
November	6.17	3.40	+1.85	8.60	8.60	9.05
December	6.55	2.76	+2.87	8.60	8.60	9.05
1965						
January	6.85	2.41	+3.52	9.15	9.15	9.35
February	6.79	2.25	+3.61	9.15	9.15	9.45
March	6.61	2.63	+3.04	9.15	9.15	9.02
April	6.59	2.40	+3.25	9.15	9.15	9.05
Last 12-month average	6.46	3.74	+1.80	8.91	8.91	9.24
Year and month	Refined cane sugar - quoted wholesale (gross)					
	4/			5/		
	North	South		Chicago-	Pacific	U.S.
	East	East	Gulf	West	Coast	average
1960-64 Monthly average	10.21	9.83	9.75	9.47	9.49	12.30
1963 Monthly average	11.94	11.45	11.30	10.90	10.71	13.58
1964 Monthly average	10.68	9.90	9.82	9.58	9.85	12.81
1964						
May	10.78	9.95	9.88	9.68	9.97	13.22
June	10.01	9.35	9.35	9.09	9.33	12.76
July	9.95	9.15	9.17	9.05	9.30	12.22
August	9.95	8.95	9.00	8.91	9.16	12.06
September	9.67	8.95	8.90	8.80	9.05	11.92
October	9.60	8.95	8.90	8.80	9.05	11.78
November	9.60	8.95	8.90	8.80	9.05	11.72
December	9.83	9.17	9.12	8.80	9.05	11.64
1965						
January	10.20	9.55	9.55	9.35	9.35	11.70
February	10.25	9.60	9.55	9.35	9.45	11.78
March	10.14	9.48	9.34	9.35	9.02	11.84
April	10.05	9.35	9.25	9.35	9.05	
Last 12-month average	10.00	9.28	9.24	9.11	9.24	

1/ Spot prices during 1960 were for sugar in bags under Contract No. 6 plus .50 cent per pound duty (Cuban). Beginning with 1961, spot prices are for bulk sugar under Contract No. 7, the terms of which are duty paid or duty free.

2/ Spot prices during 1960 based on No. 4 Contract which was for bagged sugar f.a.s. Cuba. Beginning with 1961 spot prices are those under No. 8 Contract which is also for bagged sugar but f.o.b. and stowed at Greater Caribbean ports (including Brazil).

3/ For 1960 these amounts are the difference between the spot prices of the No. 6 "Domestic" Contract rolled back to Cuba (minus freight and insurance) and the spot prices of the No. 4 "World" Contract. Beginning with 1961 the No. 7 "Domestic Bulk" Contract has been adjusted by deducting duty (.625¢), computed freight from the Greater Caribbean ports (including Brazil), insurance and unloading charges and adding the bag allowance (currently .055¢) before calculating the differential from No. 8 "World" Contract spot prices.

4/ These are basis prices in 100-pound paper bags, NOT delivered prices. To obtain delivered prices add "Freight Prepays" and deduct discounts and allowances. For illustration see Sugar Reports No. 81, January 1959, pages 5 to 9.

5/ New series beginning January 1964 which may not be strictly comparable with data for earlier periods. For old series through June 1964 see Sugar Reports 148, September 1964.

Table 21.-Wholesale prices of sugar, corn sirup and dextrose

Period	:	:	:	:	:	:	:	:	:
	Refined	Dextrose	Corn sirup	Dextrose	Corn sirup				
	sugar	New York <u>2/</u>	New York <u>3/</u>	relative to	relative to				
	wholesale	:	:	refined sugar	refined sugar				
:	North- <u>1/</u>	:	:	:	:	:	:	:	:
:	east <u>1/</u>	Quoted	Dry	Quoted	Dry <u>4/</u>	Quoted	Dry	Quoted	Dry
:	:	basis	:	basis	:	basis	:	basis	basis
	Cents per pound					Percent			
1952	8.62	7.29	7.92	7.37	9.18	85	92	85	106
1953	8.72	7.35	7.99	7.32	9.12	84	92	84	105
1954	8.72	7.32	7.96	7.32	9.12	84	91	84	105
1955	8.59	7.22	7.85	7.25	9.03	84	91	84	105
Average									
1952-55	8.66	7.29	7.92	7.31	9.10	84	91	84	105
1956	8.77	7.28	7.91	7.15	8.90	83	90	82	101
1957	9.15	7.65	8.32	7.36	9.17	84	91	80	100
1958	9.27	7.66	8.33	7.37	9.18	83	90	80	99
1959	9.33	7.48	8.13	7.31	9.10	80	87	78	98
1960	9.43	7.48	8.13	7.32	9.12	79	86	78	97
1961	9.40	7.45	8.10	7.23	9.00	79	86	77	96
1962	9.60	7.40	8.04	7.01	8.73	77	84	73	91
Average									
1956-62	9.28	7.49	8.14	7.25	9.03	81	88	78	97
1963	11.94	8.37	9.10	7.38	9.19	70	76	62	77
1964	10.68	8.95	9.73	7.52	9.37	84	91	70	88
<u>1964</u>									
May	10.78	8.95	9.73	7.47	9.30	83	90	69	86
June	10.01	8.95	9.73	7.45	9.28	89	97	74	93
July	9.95	8.95	9.73	7.45	9.28	90	98	75	93
August	9.95	8.95	9.73	7.60	9.46	90	98	76	95
September	9.67	8.95	9.73	7.60	9.46	93 ^{5/}	101	79 ^{5/}	98 ^{5/}
October	9.60	8.95	9.73	7.60	9.46	93	101	79	99
November	9.60	8.95	9.73	7.60	9.46	93	101	79	99
December	9.83	8.95	9.73	7.60	9.46	91	99	77	96
<u>1965</u>									
January	10.20	8.95	9.73	7.60	9.46	88	95	75	93
February	10.25	8.95	9.73	7.60	9.46	87	95	74	92
March	10.14	8.95	9.73	7.60	9.46	88	96	75	93
April	10.05	8.95	9.73	7.60	9.46	89	97	76	94
Last 12-month									
average									
through April	10.00	8.95	9.73	7.56	9.42	90	97	76	94

^{1/} Gross basis price in 100 pound bags subject to a 2 percent cash discount.^{2/} Hydrate, in 100 pound bags.^{3/} In drums, price in carload lots, except beginning February 1962 for less than carload lots. Quoted as 42 percent unmixed, except beginning March 1956, quoted as 43 percent unmixed.^{4/} Assumes price is for 92 percent solids for dextrose and 80.3 percent solids for corn sirup. Thus, dry basis price is quoted price divided by 0.92 for dextrose and 0.803 for corn sirup.^{5/} Revised

Table 22.- Refined sugar production and month-end stocks and distribution of corn sweeteners by primary distributors for consumption in the continental United States

Year and month	: Production :		: Month-end stocks ^{1/} :		: Distribution ^{2/} :		
	: Cane :	: Beet :	: Cane :	: Beet :	: Corn :	: Dextrose :	: Total :
	: sugar :refiners	: processors	: sugar :refiners	: Beet :processors	: sirup		: sirup and dextrose
1,000 short tons, raw value							
1960-64 monthly average	561	222	294	924	88	37	125
1963 monthly average	573	218	278	874	94	41	135
1964 monthly average	548	281	321	1,038	104	4 2	146
<u>1964</u>							
May	550	66	383	1,116	100	43	143
June	607	45	367	890	105	45	150
July	604	79	339	659	108	39	147
August	599	120	303	455	129	42	171
September	593	157	259	301	134	41	175
October	597	665	272	748	116	42	158
November	525	660	272	1,228	101	35	136
December	586	651	230	1,696	89	37	126
<u>1965</u>							
January	487	422	220	1,876	84	37	121
February	411	100	238	1,767	87	41	128
March	562	121	263	1,655	111	42	153
April ^{3/}	566	117	277	1,569			
Last 12-month average	557	267	285	1,163			

^{1/} Includes over-quota and quota exempt.

^{2/} Shipments by corn refiners' (members of the Corn Industries Research Foundation, Inc.) converted to a short ton, raw value, basis in PPA, ASCS, USDA.

^{3/} Preliminary.

COMPANY NAME AND ADDRESS, FACTORY LOCATION OF CANE SUGAR REFINERS, BEET AND CANE SUGAR PROCESSORS, AND IMPORTERS OF DIRECT CONSUMPTION SUGAR - CONTINENTAL UNITED STATES, HAWAII, PUERTO RICO AND VIRGIN ISLANDS

<u>Company name & address</u>	<u>Factory location</u>	<u>Company name & address</u>	<u>Factory location</u>
<u>CANE SUGAR REFINERS</u>			
Sucrest Corp. and Affiliates 120 Wall Street New York, N.Y. 10005	Brooklyn, N.Y. Chicago, Ill.	The National Sugar Refining Co. 100 Wall Street New York, N.Y. 10005	Philadelphia, Pa.
American Sugar Company 120 Wall Street New York, N. Y. 10005	Baltimore, Md. Boston, Mass. Brooklyn, N.Y. Chalmette, La. Philadelphia, Pa.	Okeelanta Sugar Ref. Inc. Pan American Bank Bldg. Miami, Fla. 33131	Fellsmere, Fla.
J. Aron & Company, Inc. 336 Magazine Street New Orleans, La. 70130	Supreme, La.	Pepsi-Cola Co. 500 Park Avenue New York, N.Y. 10022	Long Island City, N.Y.
California & Hawaiian Sugar Refg. Corp. 215 Market Street San Francisco, Calif. 94105	Crockett, Calif.	Refined Syrups & Sugars, Inc. Federal Street Yonkers, N.Y. 10705	Yonkers, N.Y.
Colonial Sugars Co. Gramercy, La. 70052	Gramercy, La.	Revere Sugar Refinery 333 Medford Street Charlestown, Mass. 02129	Charlestown, Mass.
Glades County Sugar Grower Coop. Assoc. P. O. Box 727 Moore Haven, Fla. 33471	Moore Haven, Fla.	Savannah Sugar Refining Corp. P. O. Box 339 Savannah, Ga. 31402	Port Wentworth, Ga.
Godchaux Sugar Refining Co. P. O. Box 308 Reserve, Louisiana 70084	Reserve, La.	The South Coast Corp. Carondelet Building New Orleans, La. 70130	Mathews, La.
Henderson Sugar Refinery, Inc. Waterman Building P. O. Box 1103 Mobile, Ala. 36601	New Orleans, La. (not operating)	Southdown, Inc. 821 Gravier Street P. O. Box 910 New Orleans, La. 70112	Houma, La.
Imperial Sugar Co. Sugar Land, Texas 77478	Sugar Land, Texas	Wisconsin Sugar Co., Inc. P. O. Box 1205 Green Bay, Wisc. 54305	Green Bay, Wisc.
Industrial Sugars, Inc. 3600 S. First Street St. Louis, Mo. 63118	St. Louis, Mo.		

BEET SUGAR PROCESSORS

The Amalgamated Sugar Co. First Security Bank Bldg. Ogden, Utah 84401	Lewiston, Utah Nampa, Idaho Nyssa, Oreg. Preston, Idaho Rupert, Idaho Twin Falls, Idaho	American Crystal Sugar Co. 600 Boston Building Denver, Colorado 80202	Chaska, Minn. Clarksburg, Calif. Crookston, Minn. East Grand Forks, Minn. Grand Island, Nebr. Mason City, Iowa Missoula, Mont. Moorehead, Minn. Rocky Ford, Colo. Drayton, N.D.
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<u>Company name & address</u>	<u>Factory location</u>	<u>Company name & address</u>	<u>Factory location</u>
<u>SUGAR BEET PROCESSORS (cont'd)</u>			
Buckeye Sugars, Inc. Ottawa, Ohio 45875	Ottawa, Ohio	Michigan Sugar Co. Saginaw, Mich. 48601	Caro, Mich. Carrollton, Mich. Croswell, Mich. Sebewaing, Mich.
Empire State Sugar Co. 13 South Street Auburn, N.Y. 13021	Montezuma, N. Y.	Monitor Sugar Div., Robert Gage Coal Co. 2600 S. Euclid St. Bay City, Mich. 48706	Bay City, Mich.
The Great Western Sugar Company Sugar Building Denver, Colo. 80217 (Also see Northern Ohio Sugar Co.)	Bayard, Nebr. Billings, Mont. Brighton, Colo. Eaton, Colo. Ft. Collins, Colo. (not operating) Ft. Morgan, Colo. Gering, Nebr. Greeley, Colo. Johnstown, Colo. Longmont, Colo. Loveland, Colo. Lovell, Wyo. Mitchell, Nebr. Ovid, Colo. Scottsbluff, Nebr. Sterling, Colo. Windsor, Colo.	The National Sugar Mfg. Co. 2829 E. 2nd Avenue Denver, Colo. 80206 Northern Ohio Sugar Co. (Subsidiary of The Great Western Sugar Co.) Sugar Building Denver, Colo. 80217 Spreckels Sugar Co. 2 Pine Street San Francisco, Calif. 94111	Sugar City, Colo. Findlay, Ohio Fremont, Ohio Manteca, Calif. Spreckels, Calif. Woodland, Calif. Mendota, Calif.
Gunnison Sugar, Inc. under Management of Utah-Idaho Sugar Co., Salt Lake City, Utah 84110	Centerfield, Utah (not operating)	Union Sugar Div. Consol. Foods Corp. 230 California Street San Francisco, Calif. 94111	Betteravia, Calif.
Holly Sugar Corp. Holly Sugar Building Colorado Springs, Colo. 80901	Alvarado, Calif. Carlton, Calif. Delta, Colo. Dyer, Calif. Hamilton City, Calif. Hardin, Mont. Hereford, Tex. Torrington, Wyo. Tracy, Calif. Sidney, Mont. Worland, Wyo.	Utah-Idaho Sugar Co. (see also Gunnison Sugar Inc. and Layton Sugar Co.) P. O. Box 2010 Salt Lake City, Utah 84110	Garland, Utah Idaho Falls, Idaho Moses Lake, Wash. Toppenish, Wash. West Jordan, Utah
Layton Sugar Co. Under Management of Utah-Idaho Sugar Co. Salt Lake City, Utah 84110	Layton, Utah (not operating)		

IMPORTERS OF DIRECT-CONSUMPTION SUGAR

Christman & Company 120 Wall Street New York, N.Y. 10005	Lamborn & Company, Inc. 5 Hanover Square New York, N.Y. 10004
Dyer Sugar Associates 120 Wall Street New York, N.Y. 10005	Lowry & Company, Inc. 5 Hanover Square New York, N.Y. 10004
Farr, Whitlock & Co. 120 Wall Street New York, N.Y. 10005	Roig & Co., Inc. 120 Wall Street New York, N.Y. 10005
M. Golodetz & Co. 120 Wall Street New York, N.Y. 10005	Olavarria & Company, Inc. 79 Pine Street New York, N.Y. 10005

<u>Company name & address</u>	<u>Factory location</u>	<u>Company name & address</u>	<u>Factory location</u>
<u>MAINLAND SUGAR CANE PROCESSORS</u>			
Atlantic Sugar Association P. O. Box 370 Belle Glade, Fla. 33430	12 miles east of Belle Glade, Fla.	Caldwell Sugar Coop., Inc. Thibodaux, La. 70301	Thibodaux, La.
Florida Sugar Corporation P. O. Box 1001 Belle Glade, Fla. 33430	11 Miles East of Belle Glade, Fla.	Catherine Sugar Co. Inc. Port Allen, La. 70767	Port Allen, La.
Glades County Sugar Growers Coop. Assn. ^{1/} P. O. Box 727 Moore Haven, Fla. 33471	Moore Haven, Fla.	Columbia Sugar Company Box 344 Franklin, La. 70538	Franklin, La.
Okeelanta Sugar Refinery, Inc. Pan American Bank Bldg. 155 S.E. 3rd Ave. Miami, Fla. 33131	Fellsmere, Fla. ^{1/} South Bay, Fla.	Cora-Texas Mfg. Co. White Castle, La. 70788	White Castle, La. ^{2/}
Osceola Farms Company P.O. Box 679 Pahokee, Fla. 33476	on Route 98 East of Canal Point, Fla.	Dugas & LeBlanc, Ltd. Paincourtville, La. 70391	Paincourtville, La. (Westfield)
Sugar Cane Growers Coop. of Florida P. O. Box 666 Belle Glade, Fla. 33430	Belle Glade, Fla.	Duhe & Bourgeois Sugar Co. Jeanerette, La. 70544	Jeanerette, La. ^{2/}
Talisman Sugar Corp. P.O. Box 814 Belle Glade, Fla. 33430	15 miles south of South Bay, Fla.	Erath Sugar Co., Ltd. Erath, La. 70533	Erath, La.
United States Sugar Corp. Clewiston, Fla. 33440	Clewiston, Fla. Bryant, Fla.	Evan Hall Sugar Coop., Inc. P.O. Box 431 Donaldsonville, La. 70346	McCall, La.
Albania Sugar Co. Jeanerette, La. 70544	Jeanerette, La.	Frisco Cane Co., Inc. Reserve, La. 70084	Reserve, La. (San Francisco mill) ^{2/}
Alma Plantation, Ltd. Lakeland, La. 70752	Lakeland, La.	Glenwood Coop., Inc. Napoleonville, La. 70390	Napoleonville, La.
J. Aron & Company, Inc. Supreme, La. 70396	Supreme, La. ^{1/}	Helvetia Sugar Coop, Inc. Route 1 Convent, La. 70723	Convent, La.
Billeaud Sugar Company P. O. Box 98 Broussard, La. 70518	Broussard, La.	Iberia Sugar Coop., Inc. P. O. Box 646 New Iberia, La. 70561	New Iberia, La.
Breaux Bridge Sugar Coop. Breaux Bridge, La. 70517	Breaux Bridge, La.	LaFourche Sugar Co. P. O. Box 555 Thibodaux, La. 70301	Thibodaux, La. (Leighton mill)
Wm. T. Burton Industries, Inc. White Castle, La. 70788	White Castle, La. (Cedar Grove mill)	Harry L. Laws & Co. Inc. Brusly, La. 70719	Brusly, La. (Cinclare mill)
Caire & Graugnard Edgard, La. 70049	Edgard, La. ^{2/} (Columbia mill)		
Cajun Sugar Coop. Inc. 115 N. Pershing Street New Iberia, La. 70560	New Iberia, La.		

^{1/} Also refines sugar. (See Refinery list).^{2/} Also produce and market sugar for direct-consumption.

continued

<u>Company name & address</u>	<u>Factory location</u>	<u>Company name & address</u>	<u>Factory location</u>
<u>MAINLAND SUGAR CANE PROCESSORS (cont'd.)</u>			
Levert-St. John, Inc. Route 1, Box 10 St. Martinville, La. 70582	St. Martinville, La. (St. John mill)	St. James Sugar Coop., Inc. St. James, La. 70086	St. James, La.
Louisiana State Penitentiary Sugar Factory Angola, La. 70712	Angola, La.	St. Mary Sugar Coop., Inc. P. O. Box 269 Jeanerette, La. 70544	Jeanerette, La.
Louisa Sugar Coop. Inc. Louisa, La. 70553	Louisa, La.	Savoie Industries Belle Rose, La. 70341	Belle Rose, La.
Louisiana State University Audubon Sugar Factory Baton Rouge, La. 70803	Baton Rouge, La.	South Coast Corp. Carondelet Building New Orleans, La. 70130	Franklin, La. (Oaklawn mill) Mathews, La. (Georgia mill) ^{1/} Montegut, La. (Terrebonne mill) Raceland, La. (Raceland mill) ^{2/}
Meeker Sugar Coop., Inc. Meeker Rural Station Lecompte, La. 71346	LeCompte, La.		
Milliken & Farwell, Inc. 1002 Whitney Bank Bldg. New Orleans, La. 70130	Napoleonville, La. (Little Texas mill) Port Allen, La. (Smithfield mill)	Southdown, Inc. 1221 Commerce Bldg. P. O. Box 910 New Orleans, La. 70150	Houma, La. ^{1/} (Southdown mill) Thibodaux, La. (Greenwood mill) Vacherie, La. (Armant mill)
M. A. Patout & Son, Ltd. Route 1, Box 288 Jeanerette, La. 70544	Jeanerette, La. (Enterprise mill)	Sterling Sugars, Inc. P. O. Box 572 Franklin, La. 70538	Franklin, La.
Poplar Grove Pltg. & Rfg. Co., Inc. Port Allen, La. 70767	Port Allen, La.	J. Supple's Sons Pltg. Co., Ltd. Bayou Goula, La. 70716	Bayou Goula, La. ^{2/} (Catherine mill)
Reserve Sugar Co. P. O. Box 193 Reserve, La. 70084	Reserve, La.	Valentine Sugars, Inc. R.F.D. 1 Lockport, La. 70374	Lockport, La.
		Vida Sugars, Inc. Loreauville, La. 70552	Loreauville, La.
		A. Wilbert's Sons Lbr. & Sh. Co. Plaquemine, La. 70764	Plaquemine, La. (Myrtle Grove mill)
		Young's Industries, Inc. Youngsville, La. 70592	Youngsville, La.

HAWAII

All but one of the plantations in the Hawaiian Islands are corporate entities. To facilitate the actual production of sugar, all plantations but one are represented by agents or a parent company in Honolulu. Several have mainland offices. Controlling interest in some plantations is held by an agency or parent company; other plantations are merely clients.

The agencies in Hawaii, plantations they represent and the Post Office address, indicating the island on which each is located, are as follows:

<u>Agency</u>	<u>Plantation name and address</u>	<u>Agency</u>	<u>Plantation name and address</u>
Alexander & Baldwin, Ltd.	Hawaiian Commercial & Sugar Co., Ltd. Puunene, Maui 96784	American Factors, Ltd.	Kekaha Sugar Co. Ltd. Kekaha, Kauai 96752
	Kahuku Plantation Co. Kahuku, Oahu 96731		Lihue Plantation Co. Ltd. Lihue, Kauai 96766
	McBryde Sugar Co., Ltd. Eleele, Kauai 96705		Oahu Sugar Co., Ltd. Waipahu, Oahu 96797

^{1/} Also refines sugar. (See Refinery List).

^{2/} Also produce and market sugar for direct-consumption.

<u>Agency</u>	<u>Plantation name and address</u>	<u>Sugar Cane Processors</u>	<u>Central</u>
<u>PUERTO RICO (cont'd)</u>			
American Factors, Ltd.	Puna Sugar Co., Ltd. Keaau, Hawaii 96749	Central Aguirre Sugar Co., a Trust Aguirre, P.R. 00608	Aguirre ^{2/} Cortada Machete
	Pioneer Mills Co., Ltd. Lahaina, Maui 96761	Central Coloso, Inc. Box 2912, San Juan, P.R. 00903	Coloso
	Waimea Sugar Mill Co., Ltd. Waimea, Kauai 96796	Central Eureka, Inc. Box 419, Mayaguez, P.R. 00709	Eureka
Bishop Trust Co., Ltd.	Gay & Robinson Makaweli, Kauai 96769	Central Igualdad, Inc. P. O. Box 479 Mayaguez, P.R. 00709	Igualdad
C. Brewer & Co., Ltd.	Hawaiian Agricultural Co. Pahala, Hawaii 96777	Central Mercedita, Inc. Mercedita, P.R. 00715	Mercedita
	Hilo Sugar Co., Ltd. Hilo, Hawaii 96720	Central Monserrate, Inc. Manati, P.R. 00701	Monserrate
	Hutchinson Sugar Co. Ltd. Naalehu, Hawaii 96772	Central San Francisco Box 415, Yauco, P.R. 00768	San Francisco ^{2/}
	Kilauea Sugar Co., Ltd. Kilauea, Kauai 96754	Central San Vicente, Inc. Box 272, San Juan, P.R. 00902	San Vicente
	Olokele Sugar Co., Ltd. Kaumakani, Kauai 96747	Compania Azucarera del Camuy, Inc. Box 386, Arecibo, P.R. 00613	Rio Llano
	Onomea Sugar Co. Papaikou, Hawaii 96781	Cooperativa Azucarera Los Canos Arecibo, P.R. 00613	Los Canos
	Pepeekeo Sugar Co. Pepeekeo, Hawaii 96783	C. Brewer Puerto Rico Inc. Fajardo, P.R. 00649	Canovanas Cayey Fajardo Juncos Santa Juana ^{1/}
	Wailuku Sugar Co. Wailuku, Maui 96793		
Castle & Cooke, Inc.	Ewa Plantation Co. Ewa, Oahu 96706	Land Authority of Puerto Rico Fernandez Juncos Ave., Santurce, P.R. 00908	Cambalache
	Kohala Sugar Co. Hawi, Hawaii 96719		
	Waialua Agricultural Co., Ltd. Waialua, Oahu 96791	Mario-Mercado e Hijos Guayanilla, P.R. 00656	Rufina
		Plata Sugar Company Box 228, San Juan, P.R. 00902	Plata
Theo.H. Dvaies & Co., Ltd.	Hamakua Mill Co. Pauilo, Hawaii 96776	Soller Sugar Company, Inc. Box 325, Arecibo, P.R. 00613	Soller
	Honokaa Sugar Co. Haina, Hawaii 96709	So. Puerto Rico Sugar Corp. of P.R. Ensenada, P.R. 00647	Guanica ^{1/}
	Laupahoehoe Sugar Co. Papaaloa, Hawaii 96780		
Grove Farm Co., Ltd.	Grove Farm Co., Ltd. Puhi, Kauai 96766	<u>REFINERS</u> Central Roig Refining Co. Humaco, P. R. 00661	
California and Hawaiian Sugar Refining Corp. Ltd.	Aiea, (near Honolulu) Hawaii 96701	Puerto Rican American Sugar Refinery, Inc. Ponce, P.R. 00731	
<u>PUERTO RICO</u>			
<u>Sugar Cane Processors</u>	<u>Central</u>		
Antonio Roig Sucesores, S. en C. Humacao, P.R. 00661	Roig	Western Sugar Refining Co. Box 6, Mayaguez, P.R. 00709	
<u>VIRGIN ISLANDS</u>			
<u>Sugar Cane Processor</u>			
Asociacion Azucarera Cooperativa Arroyo, P.R. 00615	Lafayette	The Virgin Islands Corp. Christiansted St. Croix, Virgin Islands 00821	Bethlehem
^{1/} Also refines sugar.			
^{2/} Also produce and market sugar for direct-consumption.			

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